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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/672,656

09/26/2003

Lawrence Allen Rigge

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05/08/2006

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EXAMINER

DOAN, KIET M

ART UNIT

PAPER NUMBER

2617

DATE MAILED: 05/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/672,656

Applicant(s)

RIGGE, LAWRENCE ALLEN

Examiner

Kiet Doan

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 26 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 09/26/03.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

**Claim 1-3, 13-15 and 25** are rejected under 35 U.S.C. 102(e) as being anticipated by Cruz-Albrecht et al. (Pub. No. 2002/0183009).

Consider **claims 1, 13 and 25**. Cruz-Albrecht teaches a method for wireless communication between an integrated circuit device and a monitoring station, said method comprising the steps of:

transmitting a wireless signal from said integrated circuit device to said monitoring station using an antenna associated with said integrated circuit device (Abstract, Paragraphs [0019-0020], [0062-0065], Fig.5A Illustrate integrated circuit device contain antenna communication wirelessly with computer system as read on monitoring station).

Consider **claims 2 and 14**. Cruz-Albrecht teaches the method of claim 1, wherein said antenna is incorporated in said integrated circuit device (Fig.5A, Illustrate antenna No.506 is incorporated in said integrated circuit device No.502).

Consider **claims 3 and 15**. Cruz-Albrecht teaches the method of claim 2, wherein said antenna is a pin on said integrated circuit device (Paragraphs [0009-0010], Fig.2, Illustrate integrated circuit device No.210 contain connector as bus structure which read on pin).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 4 and 16** are rejected under 35 U.S.C. 103(a) as being unpatentable over Cruz-Albrecht et al. (Pub. No. 2002/0183009) in view of Kashima (Patent No. 6,659,356).

Consider **claims 4 and 16**. Cruz-Albrecht teaches the limitation of claims as discuss above **but silent on** the method of claim 2, wherein at antenna is printed on said integrated circuit device.

In an analogous art, Kashima teaches "Hybrid IC card". Further, Kashima teaches the method of claim 2, wherein at antenna is printed on said integrated circuit device (AbstractC4, L20-30, C6, L40-55 teach antenna contact and printed on the wiring board).

Therefore, it would have been obvious at the time that the invention was made that person having ordinary skill in the art to modify Cruz-Albrecht and Kashima system,

such that antenna is printed on said integrated circuit device to provide means for compact and convenient transceiver data.

**Claims 5, 7, 8-12, 17, 19-24** are rejected under 35 U.S.C. 103(a) as being unpatentable over Cruz-Albrecht et al. (Pub. No. 2002/0183009) in view of Schmidt (Pub. No. 2002/0196029).

Consider **claims 5 and 17**. Cruz-Albrecht teaches the limitation of claims as discuss above **but silent on** the method of claim 1, wherein said signal is transmitted in accordance with an 802.11 wireless standard.

In an analogous art, Schmidt teaches "System and methods for testing wireless devices". Further, Schmidt teaches the method of claim 1, wherein said signal is transmitted in accordance with an 802.11 wireless standard (Paragraphs [0018], [041]).

Therefore, it would have been obvious at the time that the invention was made that person having ordinary skill in the art to modify Cruz-Albrecht and Schmid system, such that signal is transmitted in accordance with an 802.11 wireless standard to provide means for fast/quick wireless transmitting data in short range.

Consider **claims 7 and 19**. Schmidt teaches the method of claim 1, wherein said signal is transmitted in accordance with a Bluetooth standard (Paragraphs [0018], [041]).

Consider **claims 8 and 20**. Schmidt teaches the method of claim 1, wherein said

monitoring station is testing said integrated circuit device (Paragraphs [0009-0010], [0021-0022] teach computer No.22 as monitoring station)

Consider **claims 9 and 21**. The examiner takes official notice that the method of claim 1, wherein said monitoring station is debugging said integrated circuit device is notoriously well know in the art since Schmidt teaches tester No.20 is a computer having program to perform test which monitoring station is debugging.

Consider **claims 10 and 22**. Schmidt teaches the method of claim 1, wherein said monitoring station is evaluating said integrated circuit device (Paragraphs [0003], [0009-0019]).

Consider **claims 11 and 23**. Schmidt teaches the method of claim 1, wherein said signal is a test command (Paragraphs [0021-0022]).

Consider **claims 12 and 24**. Schmidt teaches the method of claim 1, wherein said signal is a memory pattern to be applied to a memory area on said integrated circuit device (Paragraph [0020], [0027]).

**Claims 6 and 18** are rejected under 35 U.S.C. 103(a) as being unpatentable over Cruz-Albrecht et al. (Pub. No. 2002/0183009) in view of

Consider **claims 6 and 18**. Cruz-Albrecht teaches the limitation of claims as

discuss above **but silent on** the method of claim 1, wherein said signal is transmitted in accordance with an ultra wide band wireless standard.

In an analogous art, Mowery teaches "System for coupling wireless signals to and from a power transmission line communication system". Further, Mowery teaches the method of claim 1, wherein said signal is transmitted in accordance with an ultra wide band wireless standard (C7, L13-33 teach signal is transmitted with an ultra wide band wireless standard).

Therefore, it would have been obvious at the time that the invention was made that person having ordinary skill in the art to modify Cruz-Albrecht and Mowery system, such that signal is transmitted in accordance with an ultra wide band wireless standard to provide means for precision and sufficiency-transmitting data in short range.

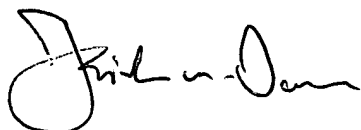
### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kiet Doan whose telephone number is 571-272-7863. The examiner can normally be reached on 8am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on 571-272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kiet Doan  
Patent Examiner



GEORGE ENG  
SUPERVISORY PATENT EXAMINER